



Dart Aerospace Ltd.
1270 Aberdeen St
Hawkesbury, ON
K6A 1K7
Canada

Tel (613) 632-5200
Fax 613 632-5246

D3602-1

Job Sheet 185198



Part No: D3602-1

Job Qty: 25 ea

Part Name: Angle



Part Weight: 0 lbs

Status: New

Priority: Medium

Job Created: 10/24/18

Job Tracking No:

Due Date: 1/31/19

Created By: Chrisoula Tsimiklis

Type: Stock

Description:

Note: DWG REV B IPP Rev:A New Issue 07-02-27 JLM IPP Rev:B 08-12-11 as per ECN08-577 DD verified by:EC

Ship Via:

Bill of Materials

Job Routing

Op No	Operation	Qty	Start Date	Due Date	Standard		Workcenter/Supplier		Sign-off
					Setup Hrs	Run Hrs	Workcenter / Supplier	Lead Time	
100	Purchasing	25 pcs		1/31/19	0.00	0.00	Purchasing		DEC 06 2018
110	Packaging	25 pcs		1/31/19	0.00	0.00	Packaging2		DEC 06 2018
115	QC	25 pcs		1/31/19	0.00	0.00	QC6		JAN 03 2019
140	QC	25 pcs		1/31/19	0.00	0.00	QC5 - NOT REQUIRED		JAN 07 2019
150	Packaging	25 pcs		1/31/19	0.00	0.00	Packaging3-1		JAN 08 2019
160	QC21-SA	25 Ea		1/31/19	0.00	0.00	QC21		JAN 08 2019

Job BOM

Part / Item	Component Name	Quantity	Operation	Container
D3602-1P	Angle	25 pcs (1 ea)	100-Purchasing	S135159

P0041432 - CT - OCT 24 2018

Job Allocations

Operation	Component Part	Required	Inventory	Allocated
100-Purchasing	D3602-1P	25	0	0

Part Specifications

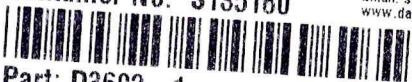
Specifications could not be found.

Plex 10/24/18 8:11 AM dart.tsimiklis.chrisoula



Dart Aerospace Ltd.
1270 Aberdeen Street
Hawkesbury, ON K6A 1K7
CANADA
TEL: 1 613 632-5200
Email: sales@dartaero.com
www.dartaerospace.com

Container No: S135160



Part: D3602-1

Job No: 185198

Serial No/Batch: S135160

Revision:

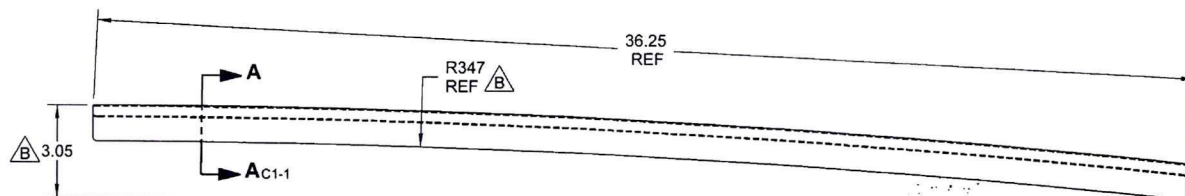
Inspector:

Exp Date:

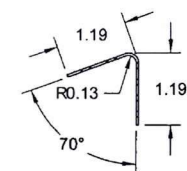
Instructions: Various STC's

Date: 12/06/18

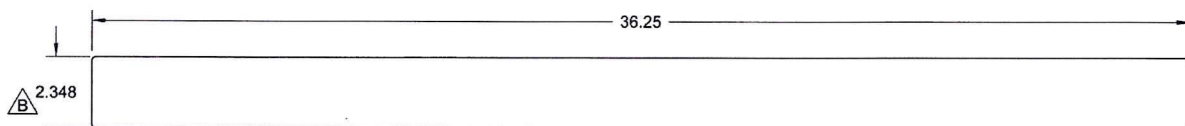
8 7 6 5 4 3 2 1



D3602-1 ANGLE
(MAKE FROM D3602-1F)



SECTION A-A C7-1
SCALE 2X



D3602-1F FLAT PATTERN

R0.13
TYP

RELEASED
09/03/11

NOTES:

- 1) MATERIAL: AISI 304/316 STAINLESS STEEL SHEET, 20 GAUGE, 0.038 THICK, PER AMS 5513 OR AMS 5524, REF. DART SPEC. M304S20GA
- 2) FINISH: NONE
- 3) TOLERANCES: PER DART QSI 018 UNLESS OTHERWISE NOTED
- 4) UNITS: INCHES UNLESS OTHERWISE NOTED
- 5) BREAK SHARP EDGES: 0.005 TO 0.010 MAX
- 6) IDENTIFY WITH DART P/N "D3602-1" USING FINE POINT PERMANENT INK MARKER
- 7) WEIGHT: 0.97 lbs

B	ADDED ROUNDED SHAPE: R347 REF AND 3.05; 2.348 WAS 2.328. REF: NCR#09-014	MB	09.02.02
A	NEW ISSUE	MB	07.02.20
REV.	DESCRIPTION	BY	DATE
DESIGN			
DRAWN			
CHECKED			
MFG. APPR.			
APPROVED			
DE APPR.			
DATE	09.02.02		

DART AEROSPACE LTD
HAWKESBURY, ONTARIO, CANADA

DRAWING NO. **D3602** REV. B
SHEET 1 OF 1
TITLE **ANGLE** SCALE NTS

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8 7 6 5 4 3 2 1



Dart Aerospace Ltd.
1270 Aberdeen St
Hawkesbury, ON
K6A 1K7
Canada

Tel (613) 632-5200

PURCHASE ORDER **PO041432**

Supplier: GFI001-VC
ABB Installation Products Ltd.
180 Avenue Labrosse
Pointe Claire
QC
H9R 1A1 Canada
Phone: 514 630 4877
Fax: 514 630 4849

PO No: PO041432
PO Date: 10/24/18
Due Date: 1/31/19
Purchase Order Revision:
Revision Date:
Ship-To Contact: Tsimiklis, ChrisoulaPhone:

Ship To: 1270 Aberdeen Street
Hawkesbury
ON
K6A 1K7 Canada
Phone: 613-632-5200

Via: Ground
Pymt Terms: Net 30
Freight Terms:
Special Comments:

**revised*

Items

Line Item	Job	Part	Supplier Part No	Item No	Description	Status	Account	Due Date	Order Quantity	Received Quantity	Balance	Unit Price (CAD)	Extended Price
1	185197	D3628-3P			Cupped Washer : Various STC's As Per Dwg D3628 Rev. C	Firmed	-	1/31/19	250 pcs	0 pcs	250 pcs	\$2.67/pcs	\$667.50
2	185198	D3602-1P			Angle : Various STC's As Per Dwg D3602 Rev. B	Firmed	-	1/31/19	2 pcs	0 pcs	2 pcs	\$70.00/pcs	\$140.00
3	185200	D3628-1P			Cupped Washer : Various STC's As Per Dwg D3628 Rev. C	Firmed	-	1/31/19	250 pcs	0 pcs	250 pcs	\$2.72/pcs	\$680.00
4	185201	D3484-041P			Tail Light Fairing : Various STC's As Per Dwg D3484 Rev.F	Firmed	-	1/31/19	10 pcs	0 pcs	10 pcs	\$356.00/pcs	\$3,560.00
5	185202	D3484-042P			Tail Light Fairing : Various STC's As Per Dwg D3484 Rev. F	Firmed	-	1/31/19	10 pcs	0 pcs	10 pcs	\$356.00/pcs	\$3,560.00
6	185203	D4735-1P			Scuff Plate : Various STC's	Firmed	-	1/31/19	10 pcs	0 pcs	10 pcs	\$126.00/pcs	\$1,260.00
7	187509	D3602-1P			Angle : Various STC's As Per Dwg D3602 Rev. B	Firmed	-	1/31/19	23 pcs	0 pcs	23 pcs	\$70.00/pcs	\$1,610.00
Grand Total:												\$11,477.50	



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Hawkesbury, ON
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Canada

Tel (613) 632-5200

PURCHASE ORDER PO041432

Order Notes

Terms & Condition of Purchasing(Suppliers) and Procurement Quality Clauses are an integral part of our AS9100 requirements. To learn in detail, please visit www.dartaerospace.com for further explanation.

Procurement Quality Clauses

A005 RIGHT OF ENTRY

A007 FIRST ARTICLE INSPECTION (FAI) BY SELLER, (DOCUMENTATION MAINTAINED BY SUPPLIER)

A012 CHEMICAL AND PHYSICAL TEST REPORTS

A016 PERSONNEL QUALIFICATION

A017 RAW MATERIAL IDENTIFICATION (AS APPLICABLE)

A026 CERTIFICATION OF MATERIAL CONFORMANCE

A041 QUALITY MANAGEMENT SYSTEM

A042 DART NOTIFICATION BY SUPPLIER

A043 RETENTION OF QUALITY DOCUMENT

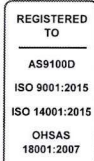
A048 COUNTERFEIT PARTS AVOIDANCE, DETECTION, MITIGATION AND DISPOSITION PROGRAM

A049 SUPPLIER AWARENESS

Plex 12/6/18 8:19 AM dart.tsimiklis.chrisoula



ABB PRODUITS D'INSTALLATION LTÉE
ABB INSTALLATION PRODUCTS LTD.
180 AVENUE LABROSSE
POINTE-CLAIRE, QC, CANADA H9R 1A1
TÉL.: (514) 630-4877 - FAX: (514) 630-4849



BON DE LIVRAISON / SHIPPING MEMO

DATE DE LIVRAISON / SHIPPING DATE			N° DE BON DE LIVRAISON SHIPPING MEMO NO.	PAGE
JR - DY	MO - MO	AN - YR		
03	12	18	0632488	1/1



VENDU À / SOLD TO

EXPÉDIÉ À / SHIP TO

DART AEROSPACE LTD
1270 ABERDEEN ST.
HAWKESBURY, ON
K6A 1K7

DART AEROSPACE LTD
1270 ABERDEEN ST.
HAWKESBURY, ON
K6A 1K7

CODE DE CLIENT CUSTOMER CODE	N° DE CONTRAT JOB NO.	VOTRE N° DE COMMANDE YOUR PURCHASE ORDER NO.	EXPÉDIÉ PAR SHIP VIA
DART GFI-0299	0358012	PO041432 ✓	

QUANTITÉ QUANTITY	N° DE PIÈCE PART NO.	DESCRIPTION
2 ✓	D3602-1P ✓	ANGLE ITEM 2 C OF C REQ'D
MFG. JOB# 0352934-001 QTY 2 pcs DUE DATE: Ship As Per Request 		

EXPÉDITEUR
SHIPPER

REÇU PAR / RECEIVED BY

DATE

TOUTES LES RÉCLAMATIONS DOIVENT ÊTRE FAITES EN DEDANS DE 5 JOURS DE LA RÉCEPTION.
ALL CLAIMS MUST BE MADE WITHIN 5 DAYS OF RECEIPT OF GOODS.

CERTIFICATE OF COMPLIANCE CERTIFICAT DE CONFORMITE



Membre de / A Member of **Thomas Betts**

180 LABROSSE AVENUE
POINTE CLAIRE, QC
H9R 1A1

DART AEROSPACE LTD
1270 ABERDEEN ST.
HAWKESBURY, ON K6A 1K7

CERTIFICATE NO.	12	OUR JOB NO	0352934-001	SHIPPING MEMO	0632488	
ITEM	QUANTITY	PURCHASE ORDER	PART NUMBER	REV	NAME	DWG ISSUE
2	2 PCS	PO041432	D3602-1P	B	ANGLE	B
MATERIAL		SUPPLIED BY		MAT. REL. NO.		
.040 THK AMS 5513 304 ANN		TW METALS/ ATI FLAT ROLLED PRODUCTS AND		H/N 853390		

	PROCESS	PROCESSOR	RELEASE NOTE #
1	FIRST ARTICLE INSPECTION REPORT ON FILE	GFI	N/A
2	REF. GFI MANUFACTURING JOB NUMBER 0352934-001 (2 PCS)	GFI	N/A
3			
4			
5			
6			
7			
8			
9			

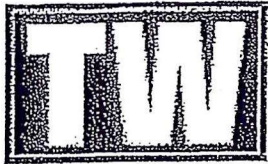
DAS
68
9-89

WE HEREBY CERTIFY ALL THE PARTS COVERED BY THIS CERTIFICATE HAVE BEEN MANUFACTURED FROM MATERIAL SUPPLIED ON RELEASE NOTE SHOWN ABOVE AND THAT ALL PARTS HAVE BEEN INDIVIDUALLY INSPECTED AND CONFORM TO THE DRAWINGS AND PURCHASE ORDER REFERENCED ABOVE.

DATE **03 DECEMBER 2018**

G.F.I. Q.C. REP.

Salton Hall



METALS
O'Neal High-Performance
Metals Group

CERTIFICATIONS

FRAUD AND FALSIFICATION STATEMENT

The recording of false, fictitious or fraudulent statements or entries on this document may be punished as a felony under statutes including federal law. Title 18 chapter 47.

CERTIFICATE OF COMPLIANCE

This certificate of compliance certifies that the material supplied on the purchase order number below complies in all respects with the material description and procurement specifications.

MERCURY FREE STATEMENT

TW Metals certifies that the supplies furnished under this contract contain no metallic mercury or mercury compounds, and have not come in contact with mercury or alpha bearing instruments while in the possession of TW Metals Inc.

Customer Name: GFI, Inc
Purchase Order No.: 0090990
Item number: 000 Shipper/Invoice No.: 12107386
Material: 304A Manufacturing Mill: ATI
Specification: Ams 5573 Heat / Lot No. 853390
Size: - 040 Quantity: 1 pc
Signature: Janice Clark Date: 3/22/18



United Performance Metals

Customer Name: TW Metals - NY

Customer PO: D12018437

UPM Sales Order: 688815

Date: 22/03/2018

Description/Form: STAINLESS 304L - SHEET

Heat Number: 853390

Ingot: AAC08541-B

Width: 48.0000 Length: 120.0000

Size: .0400

Customer P/N:

Packing List Number: 61815-1

Quantity: 68 lb. 1 pc.

Paul Isaacs
Quality Associate

NOTICE OF SHIPMENT/
PACKING LIST



CERTIFICATE OF TEST

AL6183-117

Flat Rolled Products

DEST. TO & DATE	EST CODE	FROM LOCATION	SHIPPER NO	PRODUCT CODE	WILL ORDER NUMBER	DATE SHIPPED
CIN-28463-P05 FORMS DISTRIBUTION	11/03/17 110977	VANDERGRIFF, PA	550582	13020102060000	30-117-080	12/01/17
SOLD TO: 3 [SEP 10-17] 1	MG BILL L84074	REPEAT ORDER 82037-4	DO RATE CRT	SHIP TO LOCATION 1124 VANDERGRIFF	PA	653652
SOLD TO UNITED PERFORMANCE METALS INC 3475 SYMMES ROAD HAMILTON OH 45015	PRIME SEC. DSO DSO 10	SHIP TO UNITED PERFORMANCE METALS 3475 SYMMES ROAD HAMILTON OH 45015				

GRADE AND SPECIFICATIONS

CARRIER - UNIVERSAL AM-CAN, LTD.

"ATI 304L" STAINLESS STEEL SHEET C R COILS ANNEALED 2B FIN 3 EDGE (UPM 304L/304/302) (AMS 5511H R2013) (AMS 5513J) (AMS 5516P) (ASTM-A-666-15) (UNS S30403) (UNS S30200) (UNS S30400) (S-400 DTD 06/03/2016) (ASTM-A-240-16A) (S-1000 DATED 05/23/2017) (ASME-SA-240 ED 2015) (03/10/14 EXCEPT UPM 304L/304/302) (UPM-QRS-001 ISS 1 REV B) (03/06/15 EXC TO UPM-QRS-001) (EN 10028-7:2007-1.4301-2B) (EN 10028-7:2007-1.4307-2B)

ITEM PCS	DIMENSIONS W/G/L	HEAT #	COIL #	TEST #	GROSS TARE NET	THEO	TAG #/ CD SKID #
001A	1 48./ .0401/3370.	853390	AAC08541-A	8852877	22705 50 22655		535247
	1 48./ .0401/3370.	853390	AAC08541-B	8852877	22335 50 22285		535242
C CUST IDENTITY	304L040X48						
	2 - SKIDS				45040 100 44940		

DIST: EMAIL INV AND S/N TO MTIFLATROLLEDPRODUCTS@UPMET.COM

TYPE HEAT/TEST (WT %)	--C--	--MN--	--P--	--S--	--SI--	--CR--	--NI--	--MO--	--CU--	--N--
HEAT 853390	.018	1.67	.037	.0002	.36	18.21	8.10	.44	.45	.07
TEST LOCATION	BN	BN	BN	BN	BN	BN	BN	BN	BN	BN

MELT METHOD: EP + AOD

ITEM TEST NO	YIELD TENSILE % ELONG	PSI *	PSI	IN 2"	% R/A	HARDNESS (MEASURED)	BEND	ISO 3651-2SIZE
001A 8852877					NR	79.HRBW (66.HR30TW)	T PASS	PASS 9.
	T 45500. 93700. 54. #					82.HRBW (68.HR30TW)		
TEST LOCATION	TC	TC	TC	TC	TC	TC	TC	TC

* Y.S. BY 0.2% OFFSET METHOD

PAGE 01 - CONTINUED ON PAGE 02

12/01/17 13:08:23

CONSUMER PLEASE NOTE: This document was issued over the course of the last 10 years, during which time we have our responsibility for loss or damage in shipment covered for your protection please ensure shipment as a carrier. If any damage or damage is discovered, have a full description made by transportation agent on way, before signing.

WARNING
Safety Data Sheets for this product are available on our website, www.AmericanMetal.com. A thorough review of the Safety Data Sheet for the grade of material purchased shall be performed prior to working with this product and all safety & health considerations outlined shall be implemented.

This document is a true copy of data on file. The material and test results conform to the values contained and specifications listed herein in ATI Flat Rolled Products' Order Acknowledgement.

Witnessed By: *[Signature]*
Sr. Manager Quality, Corporate Quality Assurance



United Performance Metals

Customer Name: TW Metals - NY

Customer PO: D12018437

UPM Sales Order: 668815

Date: 22/03/2018

Description/Form: STAINLESS 304L - SHEET

Heat Number: 853390

Ingot: AAC08541-B

Width: 48.0000 Length: 120.0000

Size: .0400

Customer P/N:

Packing List Number: 61815-1

Quantity: 66 lb. 1 pc.

Paul P. P. P.
Quality Associate

NOTICE OF SHIPMENT/
PACKING LIST



Flat Rolled Products

CERTIFICATE OF TEST

AL 6153-8417

COIT ORD NO & DATE	COIT CODE	PACKING LOCATION	SHIPPER NO	PRODUCT CODE	VAL ORDER NUMBER	DATE SHIPPED
CIN-28463-P05 REBUS DISTRIBUTION	11/03/17 110977	VANDERGRIFT, PA	550582	13020102060000	30-117-080	12/01/17
SOLD TO 3 [SIP] 1 [SIP] 1 [SIP]	MG BILL L84074	REPEAT 82037-4	DO FR RATE DUTY	WATL	SHIPPING LOCATION	INVOICE
SOLD TO UNITED PERFORMANCE METALS INC 3475 SYMMES ROAD HAMILTON OH 45015	PRIME SEC. DSO DSO 10	SHIP TO UNITED PERFORMANCE METALS 3475 SYMMES ROAD HAMILTON OH 45015		1124 VANDERGRIFT	PA	693652

GRADE "ATI 304L" STAINLESS STEEL SHEET C R COILS ANNEALED 2B FIN 3 EDGE CARRIER - UNIVERSAL AM-CAN, LTD.

ITEM TEST NO	CORROSION MELT	T-YIELD
001A 8852877	A 262 PR E SOURCE	1%
	PASS 1.	53800.

TEST LOCATION TC TC
ELONG AT FRACTURE

NR = DATA NOT REQUIRED

METALLOGRAPHIC MAGNIFICATION: 100X ETCHANT USED: OXALIC ACID

GRADE VERIFICATION WAS CARRIED OUT SPECTROSCOPICALLY

MATERIAL IS OF USA MELT AND MANUFACTURE.

ASTM A262 PRACTICE E BEND ANGLE IS 180 DEGREES.

THESE COMMODITIES OR TECHNOLOGY, WHEN EXPORTED FROM THE UNITED STATES, ARE IN ACCORDANCE WITH THE USA EXPORT ADMINISTRATION REGULATIONS. DIVERSION CONTRARY TO U.S. LAW IS PROHIBITED. U.S. LAW ALSO PROHIBITS DISPOSITION OF THESE COMMODITIES/TECHNICAL DATA TO ANY END-USER OR FOR ANY END-USE RELATED TO THE DESIGN, DEVELOPMENT, PRODUCTION, STOCKPILING, OR USE OF CHEMICAL, BIOLOGICAL, OR NUCLEAR WEAPONS, OR MISSILES, WITHOUT THE PROPER APPROVAL OF THE UNITED STATES GOVERNMENT.

T1 SENSITIZATION HEAT TREATMENT WAS PERFORMED ON LOW CARBON AND STABILIZED GRADES. T1: HEATING OF A FLAT NON-WELDED TEST PIECE AT 700C +/- 10C (1292F +/- 18F) FOR 30 MINUTES FOLLOWED BY WATER COOLING.

ATI-FRP DEFINES THE GRAIN ORIENTATION NOMENCLATURE AS LONGITUDINAL (L) IS THE LENGTH, LONG TRANSVERSE (LT) IS THE WIDTH, AND SHORT TRANSVERSE (ST) IS THE THICKNESS OR GAUGE.

PAGE 02 - CONTINUED ON PAGE 03

12/01/17 13:08:23

CONSIGNEE: Please note this document is intended for use as a reference only and is not to be used as a basis for any legal action or liability. The information contained herein is for informational purposes only and is not to be used as a basis for any legal action or liability. The information contained herein is for informational purposes only and is not to be used as a basis for any legal action or liability.

WARNING

Safety Data Sheet for this product is available on our website, www.ATIFlatProducts.com. A thorough review of the Safety Data Sheet for the grade of material purchased shall be performed prior to working with this product and all safety & health considerations outlined must be implemented.

This document is a true copy of data on file. The material and test results conform to the order and specifications as indicated in ATI Flat Rolled Products' Order Acknowledgment.

Marked Delivered
By: Vandy's Quality Control/Assurance



United Performance Metals

Customer Name: TW Metals - NY

Customer PO: D12018437

UPM Sales Order: 668815

Date: 22/03/2018

Description/Form: STAINLESS 304L - SHEET

Heat Number: 853390

Ingot: AAC08541-B

Width: 48.0000 Length: 120.0000

Size: .0400

Customer P/N:

Packing List Number: 61815-1

Quantity: 66 lb. 1 pc.

Paul Isaacs
Quality Associate

NOTICE OF SHIPMENT/
PACKING LIST



CERTIFICATE OF TEST

AL6153-8417

Flat Rolled Products

CUST. ORD NO & DATE	CUST CODE	FURNISHING LOCATION	SHEPPER NO	PRODUCT CODE	WHL ORDER NUMBER	DATE SHIPPED
CIN-28463-P05 FOR US DISTRIBUTION	11/03/17 110977	VANDERGRIFT, PA	550582	13020102060000	130-117-080	12/01/17
SOLD TO 3 3 1	MG BILL L84074	REPEAT ORDER 82037-4	DO FR- RATE ORTY	WHL 1124	SUPPLY LOCATION VANDERGRIFT PA	WHL CODE 653652
SOLD TO UNITED PERFORMANCE METALS INC 3475 SYMMES ROAD HAMILTON OH 45015			PRIME SEC. DSO DSO 10	SHIP TO UNITED PERFORMANCE METALS 3475 SYMMES ROAD HAMILTON OH 45015		

GRADE

CARRIER - UNIVERSAL AM-CAN, LTD.

"ATI 304L" STAINLESS STEEL SHEET C R COILS ANNEALED 2B FIN 3 EDGE

ATI FLAT ROLLED PRODUCTS HAS COMPLIED WITH ALL PRODUCER REQUIREMENTS OF AS6279.

MATERIAL WAS SOLUTION ANNEALED AT 1900F (1038C) MINIMUM FOR A TIME COMMENSURATE WITH THICKNESS AND RAPIDLY COOLED WITH AIR AND WATER.

ATI FLAT ROLLED PRODUCTS DOES NOT USE MERCURY IN THE TESTING OR PRODUCTION OF ITS PRODUCTS.

NO WELDS/WELD REPAIRS PERFORMED.

THE HARDNESS CONVERSION WAS PERFORMED USING EQUATIONS GIVEN IN ASTM E140 DEVELOPED FROM DATA IN TABLES 1, 2, 3, 5, AND 6. THE PARTICULAR EQUATION USED WAS BASED ON MATERIAL TYPE AND MEASURED HARDNESS SCALE. PER ASTM E140; THE CONVERSION VALUES ARE ONLY APPROXIMATE AND MAY BE INACCURATE FOR SPECIFIC APPLICATION.

EN 10204:2005 - ATI FLAT ROLLED PRODUCTS IS APPROVED AS A MANUFACTURER ACCORDING TO THE PRESSURE EQUIPMENT DIRECTIVE PED 2014/68/EU.

WESTMORELAND MECHANICAL TESTING & RESEARCH, YOUNGSTOWN, PA (T7869) IS A GEAE S400 AND ISO/IEC 17025 APPROVED FACILITY.

THIS CERTIFIED MATERIAL TEST REPORT SHALL NOT BE REPRODUCED EXCEPT IN FULL. FEDERAL LAW PROHIBITS THE RECORDING OF FALSE, FICTITIOUS, OR FRAUDULENT STATEMENTS OR ENTRIES ON THE CERTIFICATE AND MAY BE PUNISHABLE AS A FELONY UNDER FEDERAL LAW. ATI FRP HOLDS SEVERAL QUALITY CERTIFICATIONS THAT INCLUDE ISO-9001, AS9100, NADCAP, AND ISO/IEC 17025. MATERIAL WAS MANUFACTURED IN ACCORDANCE WITH THE ATI FRP QUALITY MANUAL REVISION 26 DATED 06/14/2017.

ATI FLAT ROLLED PRODUCTS WORKS TO THE ROLLS ROYCE SABRE QUALITY MANAGEMENT SYSTEM REQUIREMENTS.

PAGE 03 - CONTINUED ON PAGE 04

12/01/17 13:08:23

CONSUMER: Please Note: This document was created and is intended for use as a reference only. It is not intended to be used as a basis for any legal action or as a basis for any warranty. The user of this document is responsible for the accuracy of the information contained herein. The user of this document is responsible for the accuracy of the information contained herein. The user of this document is responsible for the accuracy of the information contained herein.

WARRANTY: Safety Data Sheet for this product is available on our website, www.atimetals.com. A thorough review of the Safety Data Sheet for the grade of material purchased shall be performed prior to working with this product and all safety & health considerations outlined must be implemented.

This document is a true copy of the original. The material and test results conform to the safety standard and specifications as set forth in ATI Flat Rolled Products' Order Acknowledgment.

Human Definition: *[Signature]*
By: Manager Quality, Corporate Quality Assurance



United Performance Metals

Customer Name: TW Metals - NY

Customer PO: D12018437

UPM Sales Order: 668815

Date: 22/03/2018

Description/Form: STAINLESS 304L - SHEET

Heat Number: 853390

Ingot: AAC08541-B

Width: 48.0000 Length: 120.0000

Size: .0400

Customer P/N:

Packing List Number: 61815-1

Quantity: 66 lb. 1 pc.

Paul Koppes
Quality Associate

NOTICE OF SHIPMENT/
PACKING LIST



CERTIFICATE OF TEST

AL 61815-1

Flat Rolled Products

CUST ORD NO & DATE	CUST CODE	DESCRIPTION	SHIPPER NO	PRODUCT CODE	SHIP ORDER NUMBER	DATE SHIPPED
CIN-28463-PO5 FORVSDISTRIBUTION	11/03/17 110977	VANDERGRIFF, PA	550582	13020102060000	30-117-080	12/01/17
SOLD TO 3 3 1	MG BILL L84074	REPEAT ORDER 82037-4	DO DATE 26	UNIT 1124	SHIPPER LOCATION VANDERGRIFF PA	INVOICE 653652
SOLD TO UNITED PERFORMANCE METALS INC 3475 SYMMES ROAD HAMILTON OH 45015		PRIME SEC. DSO DSO 10		SHIP TO: UNITED PERFORMANCE METALS 3475 SYMMES ROAD HAMILTON OH 45015		

GRADE

CARRIER - UNIVERSAL AM-CAN, LTD.

"ATI 304L" STAINLESS STEEL SHEET C R COILS ANNEALED 2B FIN 3 EDGE

QUALITY SYSTEM CERTIFIED ACCORDING TO PRESSURE EQUIPMENT DIRECTIVE 2014/68/EU, ANNEX I, 4.3 BY TUV SUD, INDUSTRIE SERVICE GMBH, (NOTIFIED BODY 0036).

ATI FLAT ROLLED PRODUCTS PERFORMS CHEMICAL ANALYSIS BY THE FOLLOWING TECHNIQUES

FOR TESTING LOCATIONS TC, BN, & LO:

C, S BY COMBUSTION/INFRARED

N, O, H BY INERT FUSION/THERMAL CONDUCTIVITY

MN, P, SI, CR, NI, MO, CU, CB, CO, V BY WDXRF

B BY OES

AL AND TI (>=0.10%) BY WDXRF, OTHERWISE BY OES

PB, BI, AG BY GFAP

MATERIAL TESTED AT ATI FLAT ROLLED PRODUCTS GEAE S400 APPROVED FACILITIES (T1225 & T9317):

NATRONA HEIGHTS, PA; BRACKENRIDGE, PA AND NEW BEDFORD, MA.

ATI FLAT ROLLED PRODUCTS HOLDS SEVERAL QUALITY AND LABORATORY CERTIFICATIONS THAT INCLUDE ISO-9001, AS9100,

AD 2000-MERKBLATT NO, EU PRESSURE EQUIPMENT DIRECTIVE 2014/68/EU, NADCAP, ISO/EIC 17025,

GEAE S400 (T1225 & T9317), GEAE S-1000. REFER TO WWW.ATIMETALS.COM TO ACCESS THE CURRENT ATI FRP

QUALITY CERTIFICATIONS.

THE NUMERIC CODES SHOWN UNDER MELT SOURCE CAN BE INTERPRETED AS FOLLOWS:

1. - MATERIAL MELTED, ROLLED AND TESTED IN THE UNITED STATES.
2. - FOREIGN MELT; ROLLED AND TESTED IN THE UNITED STATES.

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CONSIGNEE: Please note - this document is intended for use by the consignee only and is not to be used for any other purpose. The consignee is responsible for the accuracy of the information provided and for the proper use of the material. The consignee is also responsible for the proper use of the material and for the proper use of the material.

WARNING: Safety Data Sheets for this product are available on our website, www.atimetals.com. A thorough review of the Safety Data Sheet for the grade of material purchased shall be performed prior to working with this product and all safety & health control measures outlined must be implemented.

This document is a true copy of data on file. The material and test results conform to the sales contract and specifications as stated herein in ATI Flat Rolled Products Order Acknowledgment.

Witnessed by: *[Signature]*
Sr. Manager Quality, Corporate Quality Assurance



United Performance Metals

Customer Name: TW Metals - NY

Width: 48.0000 Length: 120.0000

Customer PO: D12018437

Size: .0400

UPM Sales Order: 668815

Customer P/N:

Date: 22/03/2018

Packing List Number: 61615-1

Description/Form: STAINLESS 304L - SHEET

Quantity: 66 lb. 1 pc.

Heat Number: 853390

Ingot: AAC08541-B

Paul Isaacs
Quality Associate

NOTICE OF SHIPMENT/
PACKING LIST



CERTIFICATE OF TEST

AL 6163-2417

Flat Rolled Products

CUST CTR NO & DATE	CUST CODE	SHIP TO LOCATION	SHIPPER NO	PRODUCT CODE	WILL ORDER NUMBER	DATE SHIPPED
CIN-28463-P05 FORMS DISTRIBUTION	11/03/17 110977	VANDERGRIFF, PA	550582	13020102060000	130-117-080	12/01/17
SOLD TO: 3 30 10 1	MG BILL	REPEAT ORDER	COI RFL DATE DAY	WATL	SHIP TO LOCATION	INVOICE
	L84074	02037-4 26		1124	VANDERGRIFF PA	653652
SOLD TO:		PRIME SEC.	SHIP TO			
UNITED PERFORMANCE METALS INC		DSO DSO	UNITED PERFORMANCE METALS			
3475 SYMMES ROAD		10	3475 SYMMES ROAD			
HAMILTON OH 45015			HAMILTON OH 45015			

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ATI FLAT ROLLED PRODUCTS HAS NO CONTROL OVER CUSTOMER PROCESSING OF MATERIAL; INCLUDING, BUT NOT LIMITED TO, BUFFING OR ELECTROPOLISHING MATERIAL WITH A 2B OR OTHER FINISH, AND DOES NOT REPRESENT OR GUARANTEE THAT THE MATERIAL IS SUITABLE FOR ANY PARTICULAR PROCESS OR USE OF CUSTOMER.

EN 10204:2005 3.1 CERTIFICATE.

TESTING WAS PERFORMED AT THE FOLLOWING LOCATIONS:

BN = ATI-FLAT ROLLED PRODUCTS; 100 RIVER ROAD; BRACKENRIDGE, PA 15014

TC = ATI-FLAT ROLLED PRODUCTS; 1300 PACIFIC AVENUE; NATRONA HEIGHTS, PA 15065

FOR ACCESS TO ONLINE CERTIFICATES OF TEST
REGISTER AT MYATI.ATIMETALS.COM

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CAUTION: Please Note - This certificate is valid only if used in conjunction with the material it was issued for. It is not valid for any other material. A thorough review of the Safety Data Sheet for the grade of material purchased shall be performed prior to working with this product and all safety & health considerations outlined must be implemented.

WARNING
Safety Data Sheets for this product are available on our website, www.atimetals.com. A thorough review of the Safety Data Sheet for the grade of material purchased shall be performed prior to working with this product and all safety & health considerations outlined must be implemented.

The above is a true copy of data on file. The material and test results conform to the safety standard and specifications in accordance with ATI Flat Rolled Products' Order Acknowledgment.

Signature: *[Signature]*
Mr. [Name] - [Title]
ATI Flat Rolled Products

